Journal of Nuclear Materials 161 (1989) 331–333
North-Holland, Amsterdam

AUTHOR INDEX

Asano, M. and H. Makagawa, Vaporization of lithium metasilicate in a graphite Knudsen cell 161 (1989) 190
Axler, K.M., E.M. Foltyn, D.E. Peterson, R.I. Sheldon and W.B. Hutchinson, The plutonium–magnesium system 161 (1989) 132
Ayres de Campos, N., see Lopes Gil 161 (1989) 1

Bacon, D.J., see De Diego 161 (1989) 117
Baumann, R., see Dams 161 (1989) 30
Bergsåker, H., see Rubel 161 (1989) 153

Cassiba, R.O. and S. Fernández, Lead corrosion behaviour in simulated media of an underground repository 161 (1989) 93
Chen, G.Q., see Munz 161 (1989) 140
Chernikov, V.N., see Kalin 161 (1989) 228
Chernov, I.I., see Kalin 161 (1989) 228
Christa, H., see Dams 161 (1989) 30

Dams, W., W. Fisher, B. Happ, R. Baumann, H. Christa, H. Engel and J. Peuker, Quality assurance in fuel manufacturing by integrating EDP systems 161 (1989) 30
De Diego, N. and D.J. Bacon, Recombination of Frenkel pairs in hcp metals modelled by computer 161 (1989) 117
De Lima, A.P., see Lopes Gil 161 (1989) 1
Dubinko, V.I., A.V. Tur,A.A. Turkin and V.V. Yanovskij, A mechanism of formation and properties of the void lattice in metals under irradiation 161 (1989) 57
Dubinko, V.I., P.N. Ostapchuk and V.V. Slezov, Theory of radiation-induced and thermal coarsening on the void ensemble in metals under irradiation 161 (1989) 239
Dyment, F., see Iribarren 161 (1989) 148

Emmoth, B., see Rubel 161 (1989) 153
Engel, H., see Dams 161 (1989) 30
Evans, D.S., see Forcey 161 (1989) 108

Fernandes, J.V., see Lopes Gil 161 (1989) 1
Fernández, S., see Cassiba 161 (1989) 93
Fisher, W., see Dams 161 (1989) 30
Foltyn, E.M., see Axler 161 (1989) 132
Forcey, K.S., D.K. Ross, J.C.B. Simpson, D.S. Evans and A.G. Whitaker, The use of aluminising on 316L austenitic and 1.4914 martensitic steels for the reduction of tritium leakage from the NET blanket 161 (1989) 108

Garg, S.P., see Srivastava 161 (1989) 44
Goswami, G.L., see Srivastava 161 (1989) 44
Gureev, V.M., see Kalin 161 (1989) 228
Guseva, M.I., see Kalin 161 (1989) 228

Han, H.T., see Hwang 161 (1989) 175
Happ, B., see Dams 161 (1989) 30
Hashimoto, I., see Yamaguchi 161 (1989) 164
Hutchinson, W.B., see Axler 161 (1989) 132
Hwang, S.K. and H.T. Han, Anisotropic surface energy reduction of Zr by chemisorption 161 (1989) 175

Ibragimov, Sh.Sh., D.V. Kamshilin, Yu.S. Pyatiletov and O.G. Tyupkina, On the correlation between creep rate and critical shear stress of irradiated metals 161 (1989) 102
Iribarren, M.J. and F. Dyment, ^{95}Zr diffusion along the α/β interphase boundaries of a Zr–2.5Nb alloy 161 (1989) 148
Iseki, T., see Kasahara 161 (1989) 261
Ito, M., see Kasahara 161 (1989) 261
Iwaki, M., see Yamaguchi 161 (1989) 164
Izumi, S., see Nishikawa 161 (1989) 182

Kalin, B.A., S.N. Korshunov, I.I. Chernov, A.V. Markin, I.V. Reutov, V.N. Chernikov, A.P. Zakharov, V.M. Gureev and M.I. Guseva, The helium-induced porosity of an austenitic steel and a nickel-base alloy on irradiation with 40 keV He^+ ions under tension and post-irradiation creep 161 (1989) 228
Kamshilin, D.V., see Ibragimov 161 (1989) 102
Kasahara, S., T. Suzuki, T. Maruyama, T. Iseki, H. Kawazoe and M. Ito, ESR observation in neutron-irradiated and annealed β-SiC (Letter to the Editors) 161 (1989) 261
Katsura, M., see Yamanaka 161 (1989) 210
Kawamura, K., see Moriyama 161 (1989) 197
Kawazoe, H., see Kasahara 161 (1989) 261
Kesavadas, T., see Mathur 161 (1989) 89

Kimmel, G., see Munitz 161 (1989) 216
Klueh, R.L. and J.M. Vitek, Fluence and helium effects on the tensile properties of ferritic steels at low temperatures 161 (1989) 13
Kögel, G., see Lopes Gil 161 (1989) 1
Korshunov, S.N., see Kalin 161 (1989) 228

Livne, Z., see Munitz 161 (1989) 216
Lopes Gil, C., A.P. De Lima, N. Ayres De Campos, J.V. Fernandes, G. Kögel, P. Sperr, W. Triftshäuser and D. Pachur, Neutron-irradiated reactor pressure vessel steels investigated by positron annihilation 161 (1989) 1

Makagawa, H., see Asano 161 (1989) 190
Markin, A.V., see Kalin 161 (1989) 228
Maruyama, T., see Kasahara 161 (1989) 261
Mathur, B.S., T. Kesavadas and A.J. Singh, Direct conversion of uranium tetrafluoride to uranium dioxide (Letter to the Editors) 161 (1989) 89
Mitsuya, H., see Yamaguchi 161 (1989) 164
Miyake, M., see Yamanaka 161 (1989) 204
Miyake, M., see Yamanaka 161 (1989) 210
Moriyama, H., J. Oishi and K. Kawamura, The effect of fusion neutron irradiation on tritium recovery from lithium salts 161 (1989) 197
Mukhopadhyay, J., Superplastic Cr–Mn stainless steel related to fusion reactor application (Letter to the Editors) 161 (1989) 90
Munakata, K., see Nishikawa 161 (1989) 182
Munitz, A., Z. Livne and G. Kimmel, Irradiation-induced cracking in U–0.1 wt% Cr nuclear fuel elements 161 (1989) 216
Munz, R.J. and G.Q. Chen, Vitrification of nuclear waste in a transferred arc plasma melter 161 (1989) 140

Nakamura, K., see Yamaguchi 161 (1989) 164
Nishikawa, M., K. Munakata, S. Izumi and T. Takeishi, Behavior of tritium in a Pt-MS 5A catalyst bed 161 (1989) 182

Oishi, J., see Moriyama 161 (1989) 197
Ostapchuk, P.N., see Dubinko 161 (1989) 239

Pachur, D., see Lopes Gil 161 (1989) 1
Peterson, D.E., see Axler 161 (1989) 132
Peuker, J., see Dams 161 (1989) 30
Potter, D.I. and C.J. Rossouw, High resolution imaging of crystalline xenon and xenon alloys in aluminum 161 (1989) 124
Pyatiletov, Yu.S., see Ibragimov 161 (1989) 102

Reutov, I.V., see Kalin 161 (1989) 228
Ross, D.K., see Forcey 161 (1989) 108
Rossouw, C.J., see Potter 161 (1989) 124
Rubel, M., F. Waelbroeck, H. Bergsåker, P. Wienhold and B. Emmoth, Oxygen impurity analysis by collector probe measurements in the carbonized TEXTOR tokamak 161 (1989) 153

Sheldon, R.I., see Axler 161 (1989) 132
Simpson, J.C.B., see Forcey 161 (1989) 108
Singh, A.J., see Mathur 161 (1989) 89
Slezov, V.V., see Dubinko 161 (1989) 239
Sperr, P., see Lopes Gil 161 (1989) 1
Srivastava, D., S.P. Garg and G.L. Goswami, Thermodynamic analysis of mixed carbide, carbonitride and nitride fuels for fast breeder reactors 161 (1989) 44
Stevanovic, D.V., D.A. Thompson and E.R. Vance, Rutherford backscattering investigation of radiation damage effects on the leaching of sphene and sphene-based glass-ceramics 161 (1989) 169
Suzuki, T., see Kasahara 161 (1989) 261

Takatsuka, N., see Yamanaka 161 (1989) 210
Takeishi, T., see Nishikawa 161 (1989) 182
Thompson, D.A., see Stevanovic 161 (1989) 169
Triftshäuser, W., see Lopes Gil 161 (1989) 1
Tur, A.V., see Dubinko 161 (1989) 57
Turkin, A.A., see Dubinko 161 (1989) 57
Tyler, J.W., Surface analysis using X-ray photoelectron spectroscopy of iodine deposits on 17% Cr/12% Ni and mild steel surfaces oxidised in CO_2/CH_3I gas mixtures 161 (1989) 72
Tyupkina, O.G., see Ibragimov 161 (1989) 102

Urwank, P., Unambiguous curve fitting and error estimation for Charpy impact test data of reactor pressure vessel steels, suitable for a small number of samples 161 (1989) 24

Vance, E.R., see Stevanovic 161 (1989) 169
Vitek, J.M., see Klueh 161 (1989) 13

Waelbroeck, F., see Rubel 161 (1989) 153
Whitaker, A.G., see Forcey 161 (1989) 108
Wienhold, P., see Rubel 161 (1989) 153
Winter, J., Wall conditioning of fusion devices by reactive plasmas 161 (1989) 265
Winter, P.W., The electronic transport properties of UO_2 161 (1989) 38

Yagi, E., see Yamaguchi 161 (1989) 164
Yamaguchi, H., I. Hashimoto, H. Mitsuya, K. Nakamura, E. Yagi and M. Iwaki, The random motion of bubbles in krypton-implanted aluminum 161 (1989) 164

Yamanaka, S. and M. Miyake, Study of the U–Ti–O ternary system 161 (1989) 204
Yamanaka, S., N. Takatsuka, M. Katsura and M. Miyake, Study of the Zr–Te–O ternary system 161 (1989) 210
Yanovskij, V.V., see Dubinko 161 (1989) 57
Zakharov, A.P., see Kalin 161 (1989) 228

Journal of Nuclear Materials 161 (1989) 335–338
North-Holland, Amsterdam

SUBJECT INDEX

Aluminium, Aluminium Alloys and Compounds
High resolution imaging of crystalline xenon and xenon alloys in aluminum, D.I. Potter and C.J. Rossouw 161 (1989) 124
The random motion of bubbles in krypton-implanted aluminum, H. Yamaguchi, I. Hashimoto, H. Mitsuya, K. Nakamura, E. Yagi and M. Iwaki 161 (1989) 164

Analytical Techniques
Surface analysis using X-ray photoelectron spectroscopy of iodine deposits on 17% Cr/12% Ni and mild steel surfaces oxidised in CO_2/CH_3I gas mixtures, J.W. Tyler 161 (1989) 72
Oxygen impurity analysis by collector probe measurements in the carbonized TEXTOR tokamak, M. Rubel, F. Waelbroeck, H. Bergsåker, P. Wienhold and B. Emmoth 161 (1989) 153

Ceramics *("Various" i.e. not listed elsewhere by name)*
Rutherford backscattering investigation of radiation damage effects on the leaching of sphene and sphene-based glass-ceramics, D.V. Stevanovic, D.A. Thompson and E.R. Vance 161 (1989) 169
ESR observation in neutron-irradiated and annealed β-SiC (Letter to the Editors), S. Kasahara, T. Suzuki, T. Maruyama, T. Iseki, H. Kawazoe and M. Ito 161 (1989) 261

Coatings *(incl. Coated Particles)*
Wall conditioning of fusion devices by reactive plasmas, J. Winter 161 (1989) 265

Compatibility and Corrosion
Lead corrosion behaviour in simulated media of an underground repository, R.O. Cassiba and S. Fernández 161 (1989) 93

Computer Calculations, including Modelling
Unambiguous curve fitting and error estimation for Charpy impact test data of reactor pressure vessel steels, suitable for a small number of samples, P. Urwank 161 (1989) 24
Quality assurance in fuel manufacturing by integrating EDP systems, W. Dams, W. Fisher, B. Happ, R. Baumann, H. Christa, H. Engel and J. Peuker 161 (1989) 30
Recombination of Frenkel pairs in hcp metals modelled by computer, N. De Diego and D.J. Bacon 161 (1989) 117

Creep and Relaxation
On the correlation between creep rate and critical shear stress of irradiated metals, Sh.Sh. Ibragimov, D.V. Kamshilin, Yu.S. Pyatiletov and O.G. Tyupkina 161 (1989) 102

Defects and Defect Structures
Neutron-irradiated reactor pressure vessel steels investigated by positron annihilation, C. Lopes Gil, A.P. De Lima, N. Ayres De Campos, J.V. Fernandes, G. Kögel, P. Sperr, W. Triftshäuser and D. Pachur 161 (1989) 1
Recombination of Frenkel pairs in hcp metals modelled by computer, N. De Diego and D.J. Bacon 161 (1989) 117

Diffusion *(incl. Thermodiffusion)*
^{95}Zr diffusion along the α/β interphase boundaries of a Zr–2.5Nb alloy, M.J. Iribarren and F. Dyment 161 (1989) 148
The random motion of bubbles in krypton-implanted aluminum, H. Yamaguchi, I. Hashimoto, H. Mitsuya, K. Nakamura, E. Yagi and M. Iwaki 161 (1989) 164

Electrolytic Processes and Behaviour *(excl. Corrosion)*
Lead corrosion behaviour in simulated media of an underground repository, R.O. Cassiba and S. Fernández 161 (1989) 93

Experimental Techniques
Direct conversion of uranium tetrafluoride to uranium dioxide (Letter to the Editors), B.S. Mathur, T. Kesavadas and A.J. Singh 161 (1989) 89
Vitrification of nuclear waste in a transferred arc plasma melter, R.J. Munz and G.Q. Chen 161 (1989) 140

Fuels and Fuel Elements: Fast Reactors
Thermodynamic analysis of mixed carbide, carbonitride and nitride fuels for fast breeder reactors, D. Srivastava, S.P. Garg and G.L. Goswami 161 (1989) 44

Fuel and Fuel Elements: Thermal Reactors
Quality assurance in fuel manufacturing by integrating EDP systems, W. Dams, W. Fisher, B. Happ, R. Baumann, H. Christa, H. Engel and J. Peuker 161 (1989) 30
^{95}Zr diffusion along the α/β interphase boundaries of a Zr–2.5Nb alloy, M.J. Iribarren and F. Dyment 161 (1989) 148

Fusion Reactors: Blanket Materials *(incl. Lithium)*
Vaporization of lithium metasilicate in a graphite Knudsen cell, M. Asano and H. Makagawa 161 (1989) 190
The effect of fusion neutron irradiation on tritium recovery from lithium salts, H. Moriyama, J. Oishi and K. Kawamura 161 (1989) 197

Fusion Reactors: Impurity Transport in Plasma
Oxygen impurity analysis by collector probe measurements in the carbonized TEXTOR tokamak, M. Rubel, F. Waelbroeck, H. Bergsåker, P. Wienhold and B. Emmoth 161 (1989) 153

Fusion Reactors: Surface Effects
Wall conditioning of fusion devices by reactive plasmas, J. Winter 161 (1989) 265

Fusion Reactors: Structural Materials
Superplastic Cr–Mn stainless steel related to fusion reactor application (Letter to the Editors), J. Mukhopadhyay 161 (1989) 90

Gases *(excl. Tritium)* **in Metals, Alloys and Ceramics**
Fluence and helium effects on the tensile properties of ferritic steels at low temperatures, R.L. Klueh and J.M. Vitek 161 (1989) 13
High resolution imaging of crystalline xenon and xenon alloys in aluminum, D.I. Potter and C.J. Rossouw 161 (1989) 124
The random motion of bubbles in krypton-implanted aluminum, H. Yamaguchi, I. Hashimoto, H. Mitsuya, K. Nakamura, E. Yagi and M. Iwaki 161 (1989) 164
The helium-induced porosity of an austenitic steel and a nickel-base alloy on irradiation with 40 keV He^+ ions under tension and post-irradiation creep, B.A. Kalin, S.N. Korshunov, I.I. Chernov, A.V. Markin, I.V. Reutov, V.N. Chernikov, A.P. Zakharov, V.M. Gureev and M.I. Guseva 161 (1989) 228

Glasses and Amorphous Materials
Vitrification of nuclear waste in a transferred arc plasma melter, R.J. Munz and G.Q. Chen 161 (1989) 140
Rutherford backscattering investigation of radiation damage effects on the leaching of sphene and sphene-based glass-ceramics, D.V. Stevanovic, D.A. Thompson and E.R. Vance 161 (1989) 169

Graphite and Carbon
Wall conditioning of fusion devices by reactive plasmas, J. Winter 161 (1989) 265

Irradiation Effects *(excl. Swelling and Voids)*
Neutron-irradiated reactor pressure vessel steels investigated by positron annihilation, C. Lopes Gil, A.P. De Lima, N. Ayres De Campos, J.V. Fernandes, G. Kögel, P. Sperr, W. Triftshäuser and D. Pachur 161 (1989) 1
Fluence and helium effects on the tensile properties of ferritic steels at low temperatures, R.L. Klueh and J.M. Vitek 161 (1989) 13
On the correlation between creep rate and critical shear stress of irradiated metals, Sh.Sh. Ibragimov, D.V. Kamshilin, Yu.S. Pyatiletov and O.G. Tyupkina 161 (1989) 102
High resolution imaging of crystalline xenon and xenon alloys in aluminum, D.I. Potter and C.J. Rossouw 161 (1989) 124
The random motion of bubbles in krypton-implanted aluminum, H. Yamaguchi, I. Hashimoto, H. Mitsuya, K. Nakamura, E. Yagi and M. Iwaki 161 (1989) 164
Rutherford backscattering investigation of radiation damage effects on the leaching of sphene and sphene-based glass-ceramics, D.V. Stevanovic, D.A. Thompson and E.R. Vance 161 (1989) 169
The effect of fusion neutron irradiation on tritium recovery from lithium salts, H. Moriyama, J. Oishi and K. Kawamura 161 (1989) 197
Irradiation-induced cracking in U–0.1 wt% Cr nuclear fuel elements, A. Munitz, Z. Livne and G. Kimmel 161 (1989) 216
The helium-induced porosity of an austenitic steel and a nickel-base alloy on irradiation with 40 keV He^+ ions under tension and post-irradiation creep, B.A. Kalin, S.N. Korshunov, I.I. Chernov, A.V. Markin, I.V. Reutov, V.N. Chernikov, A.P. Zakharov, V.M. Gureev and M.I. Guseva 161 (1989) 228

ESR observation in neutron-irradiated and annealed β-SiC (Letter to the Editors), S. Kasahara, T. Suzuki, T. Maruyama, T. Iseki, H. Kawazoe and M. Ito 161 (1989) 261

Kinetics

Behavior of tritium in a Pt-MS 5A catalyst bed, M. Nishikawa, K. Munakata, S. Izumi and T. Takeishi 161 (1989) 182

Liquid Metals

The plutonium–magnesium system, K.M. Axler, E.M. Foltyn, D.E. Peterson, R.I. Sheldon and W.B. Hutchinson 161 (1989) 132

Mechanical Properties

Unambiguous curve fitting and error estimation for Charpy impact test data of reactor pressure vessel steels, suitable for a small number of samples, P. Urwank 161 (1989) 24

Irradiation-induced cracking in U–0.1 wt% Cr nuclear fuel elements, A. Munitz, Z. Livne and G. Kimmel 161 (1989) 216

Phase Transformations

Study of the U–Ti–O ternary system, S. Yamanaka and M. Miyake 161 (1989) 204

Study of the Zr–Te–O ternary system, S. Yamanaka, N. Takatsuka, M. Katsura and M. Miyake 161 (1989) 210

Physical Properties

Neutron-irradiated reactor pressure vessel steels investigated by positron annihilation, C. Lopes Gil, A.P. De Lima, N. Ayres De Campos, J.V. Fernandes, G. Kögel, P. Sperr, W. Triftshäuser and D. Pachur 161 (1989) 1

Plutonium, Plutonium Alloys and Compounds

The plutonium–magnesium system, K.M. Axler, E.M. Foltyn, D.E. Peterson, R.I. Sheldon and W.B. Hutchinson 161 (1989) 132

Steels

Neutron-irradiated reactor pressure vessel steels investigated by positron annihilation, C. Lopes Gil, A.P. De Lima, N. Ayres De Campos, J.V. Fernandes, G. Kögel, P. Sperr, W. Triftshäuser and D. Pachur 161 (1989) 1

Fluence and helium effects on the tensile properties of ferritic steels at low temperatures, R.L. Klueh and J.M. Vitek 161 (1989) 13

Surface analysis using X-ray photoelectron spectroscopy of iodine deposits on 17% Cr/12% Ni and mild steel surfaces oxidised in CO_2/CH_3I gas mixtures, J.W. Tyler 161 (1989) 72

Superplastic Cr–Mn stainless steel related to fusion reactor application (Letter to the Editors), J. Mukhopadhyay 161 (1989) 90

The use of aluminising on 316L austenitic and 1.4914 martensitic steels for the reduction of tritium leakage from the NET blanket, K.S. Forcey, D.K. Ross, J.C.B. Simpson, D.S. Evans and A.G. Whitaker 161 (1989) 108

The helium-induced porosity of an austenitic steel and a nickel-base alloy on irradiation with 40 keV He^+ ions under tension and post-irradiation creep, B.A. Kalin, S.N. Korshunov, I.I. Chernov, A.V. Markin, I.V. Reutov, V.N. Chernikov, A.P. Zakharov, V.M. Gureev and M.I. Guseva 161 (1989) 228

Structural Materials

Unambiguous curve fitting and error estimation for Charpy impact test data of reactor pressure vessel steels, suitable for a small number of samples, P. Urwank 161 (1989) 24

Lead corrosion behaviour in simulated media of an underground repository, R.O. Cassiba and S. Fernández 161 (1989) 93

Thermodynamic Properties

The electronic transport properties of UO_2, P.W. Winter 161 (1989) 38

Thermodynamic analysis of mixed carbide, carbonitride and nitride fuels for fast breeder reactors, D. Srivastava, S.P. Garg and G.L. Goswami 161 (1989) 44

The plutonium–magnesium system, K.M. Axler, E.M. Foltyn, D.E. Peterson, R.I. Sheldon and W.B. Hutchinson 161 (1989) 132

Vaporization of lithium metasilicate in a graphite Knudsen cell, M. Asano and H. Makagawa 161 (1989) 190

Study of the U–Ti–O ternary system, S. Yamanaka and M. Miyake 161 (1989) 204

Study of the Zr–Te–O ternary system, S. Yamanaka, N. Takatsuka, M. Katsura and M. Miyake 161 (1989) 210

Thermophysical Properties

Anisotropic surface energy reduction of Zr by chemisorption, S.K. Hwang and H.T. Han 161 (1989) 175

Tritium

The use of aluminising on 316L austenitic and 1.4914 martensitic steels for the reduction of tritium leakage from the NET blanket, K.S. Forcey, D.K. Ross, J.C.B. Simpson, D.S. Evans and A.G. Whitaker 161 (1989) 108

Behavior of tritium in a Pt-MS 5A catalyst bed, M. Nishikawa, K. Munakata, S. Izumi and T. Takeishi 161 (1989) 182

Uranium and Uranium Alloys
Direct conversion of uranium tetrafluoride to uranium dioxide (Letter to the Editors), B.S. Mathur, T. Kesavadas and A.J. Singh 161 (1989) 89
Study of the U–Ti–O ternary system, S. Yamanaka and M. Miyake 161 (1989) 204
Irradiation-induced cracking in U–0.1 wt% Cr nuclear fuel elements, A. Munitz, Z. Livne and G. Kimmel 161 (1989) 216

Uranium Ceramics
The electronic transport properties of UO_2, P.W. Winter 161 (1989) 38
Direct conversion of uranium tetrafluoride to uranium dioxide (Letter to the Editors), B.S. Mathur, T. Kesavadas and A.J. Singh 161 (1989) 89

Void Formation
A mechanism of formation and properties of the void lattice in metals under irradiation, V.I. Dubinko, A.V. Tur,A.A. Turkin and V.V. Yanovskij 161 (1989) 57
Theory of radiation-induced and thermal coarsening on the void ensemble in metals under irradiation, V.I. Dubinko, P.N. Ostapchuk and V.V. Slezov 161 (1989) 239

Wastes *(Radioactive)*
Lead corrosion behaviour in simulated media of an underground repository, R.O. Cassiba and S. Fernández 161 (1989) 93
Vitrification of nuclear waste in a transferred arc plasma melter, R.J. Munz and G.Q. Chen 161 (1989) 140
Rutherford backscattering investigation of radiation damage effects on the leaching of sphene and sphene-based glass-ceramics, D.V. Stevanovic, D.A. Thompson and E.R. Vance 161 (1989) 169

Zirconium, Zirconium Alloys and Compounds
^{95}Zr diffusion along the α/β interphase boundaries of a Zr–2.5Nb alloy, M.J. Iribarren and F. Dyment 161 (1989) 148
Anisotropic surface energy reduction of Zr by chemisorption, S.K. Hwang and H.T. Han 161 (1989) 175
Study of the Zr–Te–O ternary system, S. Yamanaka, N. Takatsuka, M. Katsura and M. Miyake 161 (1989) 210